

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	95	("20020010892" "20040019845" "20040123229" "20040148560" "20040168112" "20050066261" "20050149841" "20050149842" "20050204273" "20050216820" "20050235195" "20050246616" "20050251730" "20060015791" "20060036926" "20060036927" "20060107169" "20060123277" "20060150061" "20060190797" "20060195765" "20060208930" "20060218461" "20070011565" "20070033485" "20070086539" "20070089025" "20070094582" "20070101233" "20070110188" "20070143657" "20070186138" "20070186139" "20070186140" "20070260966" "20070277075" "20070290908" "6718508" "7120857" "7162684" "7171603" "7254769" "7389464" "7506238" "7519895" "7543212" "7555694" "7581159" "7581162" "7584399").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 23:50
L2	2497	(low adj density adj parity adj check and error correction and "XOR" and error adj correction adj detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 23:50
L3	66	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 23:51
L4	6	3 and generator same matrix same m	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 23:51
S1	2497	(low adj density adj parity adj check and error correction and "XOR" and error adj correction adj detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:18
S2	975	S1 and generat\$4 same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:19

EAST Search History (Prior Art)

S3	43	S2 and modul\$4 near2 two	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:20
S4	826	S1 and generat\$4 near5 matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:29
S5	6	S1 and generat\$4 near5 resultant near2 matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:29
S6	0	S5 and modul\$4 near2 two	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:29
S7	6	S5 and modul\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:29
S8	860	S1 and generat\$4 near9 matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:32
S9	189	S8 and modulo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:32
S10	57	S8 and modul\$4 near5 two	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:32
S11	20	S10 and "XOR"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:33
S12	4	S11 and decod\$4 same code near3 word	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:39

EAST Search History (Prior Art)

S13	3	S12 and decod\$4 same fail\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:39
S14	783	(Low adj density adj parity adj check) same error adj correction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:43
S15	124	S14 and "XOR"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:43
S16	7	S15 and generat\$4 same m near4 matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:44
S17	7	S16 and (low density parity check matrix vector decod\$4 code word LDPC resultant fail\$4 correct\$4 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:50
S18	7	S16 and (low density parity check matrix vector decod\$4 code word LDPC resultant fail\$4 correct\$4 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 11:50
S19	0	S18 and correct\$4 same error same chang\$4 same binary	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 12:06
S20	7	S18 and correct\$4 same error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 12:07
S21	0	S18 and correct\$4 same error same (chang\$4 or modify\$4) same value	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 12:07
S22	0	S18 and correct\$4 same error same (chang\$4 or modify\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 12:07

EAST Search History (Prior Art)

S23	13	correct\$4 same error same (chang\$4 or modify\$4) same binary adj value same detect\$4 same code	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 12:08
S24	2	"7058873".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 13:34
S25	128	ki-hyun near2 Kim	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 13:34
S26	2497	(low adj density adj parity adj check and error correction and "XOR" and error adj correction adj detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 13:39
S27	24	S25 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 13:39
S28	1924746	(low density parity check error correction decod\$4 success failure location detector binary value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 13:47
S29	1	(low density parity check error correction decod\$4 success failure location detector binary value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 13:47
S30	1	(low density parity check error correction decod\$4 success location detector binary value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 13:48
S31	3	(low density parity check error correction decod\$4 location detector binary value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 13:48
S32	1000	LDPC same error adj correction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:11

EAST Search History (Prior Art)

S33	913	S32 and generat\$4 "m.1" same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:12
S34	0	S32 and generat\$4 same "m.1" same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:12
S35	0	S32 and "m.1" same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:13
S36	0	S32 and "mx1" same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:13
S37	917	S32 and generat\$4 "m times 1" same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:14
S38	0	S32 and generat\$4 same "m times 1" same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:14
S39	2	"6633856".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:16
S40	2	S39 and low adj density	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:18
S41	0	S40 and "XOR"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:19
S42	0	S40 and exclusive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:19

EAST Search History (Prior Art)

S43	179	S32 and "XOR"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:20
S44	3	S43 and resultant adj matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:20
S45	2	correct\$4 same error same codeword same low adj density adj parity adj check adj matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:36
S46	34	(error correction low density parity check).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 21:39
S47	4	S46 and matrix same "XOR"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 21:39
S48	4	S47 and error near4 correction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 21:41
S49	1	S48 and correct\$4 same codeword	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 21:42
S50	4	S48 and correct\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 21:42
S51	2	S50 and (correct\$4 error low density parity check matrix resultant matrix XOR modul\$4 vector column correct\$4 codeword binary value identify\$4 LDPC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/10/24 21:46
S52	4	S50 and (correct\$4 error low density parity check matrix resultant matrix XOR modul\$4 vector column correct\$4 codeword binary value identify\$4 LDPC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/24 21:46